

CALTE.004C1



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : ANDERSON et al. )  
App. No. : 09/849,869 )  
Filed : May 4, 2001 )  
For : PAIN SIGNALING MOLECULES )  
Examiner : Unknown )  
Art-Unit : 1645 )

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TECH CENTER 1600/2900

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). The original assignment is being filed concurrently herewith. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and

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Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

California Institute of Technology

SEP -5 2001

Dated: \_\_\_\_\_

By:   
Adam Cochran

Title: Intellectual Property Counsel

Address: Office of the Intellectual Property  
Counsel  
1200 E. California Boulevard  
Mail Code 201-85  
Pasadena, CA 91125

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**ASSIGNMENT**

WHEREAS, We, David J. Anderson, a citizen of the United States of America, residing at 2108 Glenview Terrace, Altadena, California 91001; Xinzhong Dong, a citizen of the United States of America, residing at 140 South Mentor Avenue, #314, Pasadena, California 91106; Mark J. Zylka, a citizen of the United States of America, residing at 1156 Steuben, Pasadena, California; Sang-Kyou Han, a citizen of Korea, residing at 157 Diamond Street, #B, Arcadia, California 91006 and Melvin I. Simon, a citizen of the United States of America, residing at 9477 La Jolla Shores Drive, La Jolla, California 92037, have invented certain new and useful improvements in PAIN SIGNALING MOLECULES for which we have filed an application for Letters Patent in the United States, on May 4, 2001 as Application No. 09/849,869;

AND WHEREAS, CALIFORNIA INSTITUTE OF TECHNOLOGY (hereinafter "ASSIGNEE"), a California Corporation, with its principal place of business at 1200 East California Boulevard, Pasadena, California 91125, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 29<sup>th</sup> day of August, 2001.

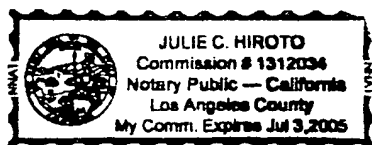
David J. Anderson  
David J. Anderson

STATE OF California }  
COUNTY OF Los Angeles } ss.

On 29 August 2001 before me, Julie C. Hiroto, notary public, personally appeared David J. Anderson personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(~~s~~) whose name(~~s~~) ~~is~~ subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(~~ies~~), and that by his signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Julie C. Hiroto  
Notary Signature

**COPY**  
**Do Not Record**

Application No.: 09/849,869  
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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of August, 2001.

  
Xinzhong Dong

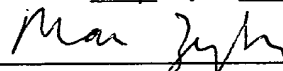
STATE OF California }  
COUNTY OF Los Angeles } ss.

On Aug 14, 2001, before me, Anne M Zweizig, personally appeared Xinzhong Dong ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(~~ies~~), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



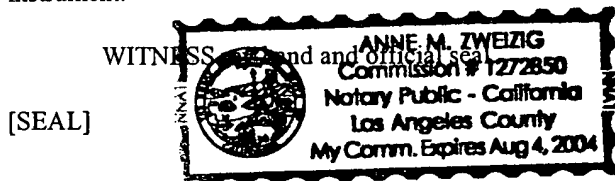
Anne M. Zweizig  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of August, 2001.

  
Mark J. Zylka

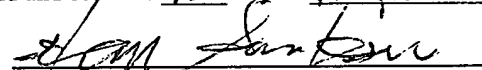
STATE OF California }  
COUNTY OF Los Angeles } ss.

On August 14, 2001, before me, Anne M. Zweizig, personally appeared Mark J. Zylka ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(~~ies~~), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Anne M. Zweizig  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 15 day of August, 2001.

  
Sang-Kyou Han

STATE OF California }  
COUNTY OF Los Angeles } ss.

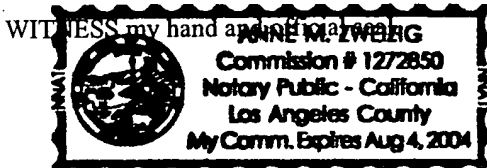
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**Do Not R cord**

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On August 15, 2001 before me, Anne M. Zweizig, personally appeared Sang-Kyou Han ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) ~~is/are~~ subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

[SEAL]



Anne M. Zweizig  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10 day of August, 2001.

Melvin I. Simon  
Melvin I. Simon

STATE OF

SS.

COUNTY OF

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Melvin I. Simon personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature